

CARD 10 Rabbit pAb

CatalogNo: YT0634

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 120kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

IF 1:200-1:1000

ELISA 1:10000

Not yet tested in other applications.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human CARD10. AA range:481-530

Specificity CARD 10 Polyclonal Antibody detects endogenous levels of CARD 10 protein.

Target Information

Gene name CARD10

Protein Name Caspase recruitment domain-containing protein 10

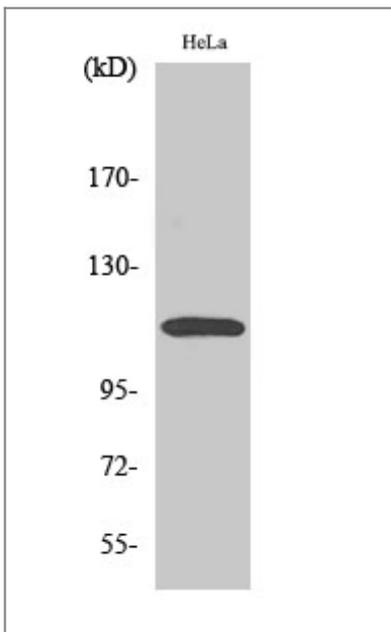
| Organism | Gene ID | UniProt ID |
|----------|-------------------------|-------------------------|
| Human | 29775; | Q9BWT7; |
| Mouse | 105844; | P58660; |

Cellular Localization Cytoplasm .

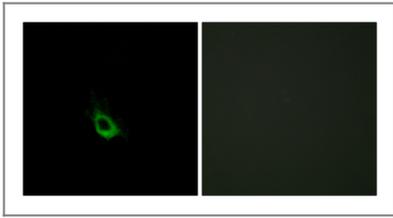
Tissue specificity Detected in adult heart, kidney and liver; lower levels in intestine, placenta, muscle and lung. Also found in fetal lung, liver and kidney.

Function Caution:Supposed to contain a SH3, a PDZ and a guanylate kinase-like domain. But none of these 3 domains are detected by PROSITE, Pfam or SMART.,Function:Activates NF-kappa-B via BCL10 and IKK.,similarity:Contains 1 CARD domain.,subunit:CARD10 and BCL10 bind to each other by CARD-CARD interaction. They both participate in a complex with MALT1, where MALT1 binds to BCL10.,tissue specificity:Detected in adult heart, kidney and liver; lower levels in intestine, placenta, muscle and lung. Also found in fetal lung, liver and kidney.,

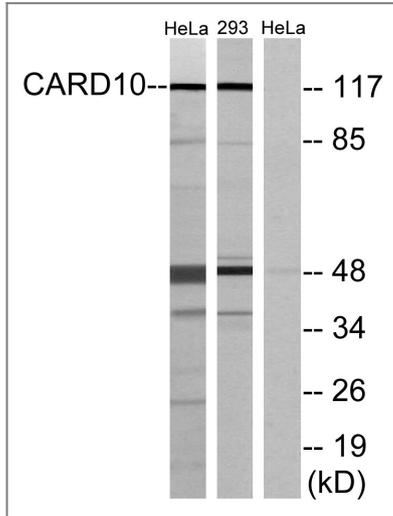
Validation Data



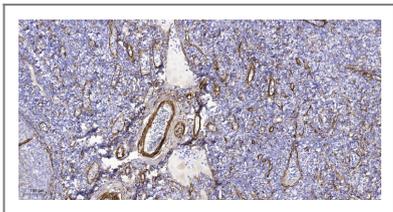
Western Blot analysis of various cells using CARD 10 Polyclonal Antibody



Immunofluorescence analysis of HeLa cells, using CARD10 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa and 293 cells, using CARD10 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA, pH 9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200 (4° overnight). 3, Secondary antibody was diluted at 1:200 (room temperature, 45min).

Contact information

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Please scan the QR code to access additional product information:
CARD 10 Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

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